Declaration of Performance  
No. 018/DoP


1. Unique identification code of product-type:

   Fibre-cement flat sheets

   Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4).

   Cembrit Slates

   (Německý čtverec, Česká šablona, Dánský obdélník, Anglický obdélník, Bobrovka, Betternit, Dominant, Horal, Rhombus, Rhombus šablona, Berona, Jutland, Zeeland, Moorland, Westerland, Diamond Slate, Skifre 40/40, Skifre 30/60, Skifre 60/60, Dolmen, Bravan, Cembrit Quadra)

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

   Roofing (roof coverings) or cladding (internal and external wall finishes)

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5):

   Cembrit Holding A/S
   Sohngaardsholmsvej 2
   PO Box 750
   DK-9100 Aalborg, Denmark
   Email: info@cembrit.com

4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 (2):

   Not applicable

5. System or system of assessment and verification of constancy of performance of the construction product as out in Annex V:

   System 3
6a. Name and identification number of the notified body (in case of the declaration of performance concerning a construction product covered by a harmonised standard):

Technical and Testing Institute of Construction Prague, s. p.,
Notified body No. 1020
Branch 0700– Ostrava, U Studia 14,
700 30, Ostrava-Zábřeh, Czech Republic


PAVUS, a.s.
Notified body No. 1391
Prosecká 412/74, 190 00 PRAHA 9
Prosek, Czech Republic

Performed reaction to fire testing and classification according EN 13501-1. Test report No. PK1-01-03-097-A-0, dated 26th June 2013.

6b. Name and identification number of the Technical Assessment Body (in case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued):

Not applicable

7. Declared performance:

<table>
<thead>
<tr>
<th>Essential characteristics</th>
<th>Performance</th>
<th>Harmonised technical specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of sheets</td>
<td>NT</td>
<td></td>
</tr>
<tr>
<td>Mechanical resistance</td>
<td>h / mm</td>
<td>Bending moment</td>
</tr>
<tr>
<td>h - dimension of the fibre-cement slate measured perpendicular to the line of fixing which is at or nearest to the horizontal plane of the roof</td>
<td>h ≤ 350 350 &lt; h ≤ 450 450 &lt; h ≤ 600 600 &lt; h ≤ 850</td>
<td>30 Nm/m 40 Nm/m 45 Nm/m 55 Nm/m</td>
</tr>
<tr>
<td>Apparent density</td>
<td>min 1 600 kg/m³</td>
<td></td>
</tr>
<tr>
<td>External fire performance</td>
<td>BEROOF (deemed to satisfy)</td>
<td></td>
</tr>
<tr>
<td>Reaction to fire</td>
<td>Class A2-s1, d0</td>
<td></td>
</tr>
<tr>
<td>Water impermeability</td>
<td>Pass</td>
<td></td>
</tr>
<tr>
<td>Dimensional variations</td>
<td>Length, Width</td>
<td>± 3 mm -15% nominal value</td>
</tr>
<tr>
<td>Thickness</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Release of dangerous substance</td>
<td>No performance determined</td>
<td></td>
</tr>
<tr>
<td>Durability against warm water</td>
<td>Rₜ ≥ 0.75</td>
<td>EN 492:2012 Fibre-cement profiled sheets and fittings – Product specification and test methods</td>
</tr>
<tr>
<td>Durability against soak/dry</td>
<td>Rₜ ≥ 0.75</td>
<td></td>
</tr>
<tr>
<td>Durability against freeze-thaw</td>
<td>Rₜ ≥ 0.75</td>
<td></td>
</tr>
<tr>
<td>Durability against heat-rain</td>
<td>Pass</td>
<td></td>
</tr>
</tbody>
</table>
8. Appropriate Technical Documentation and/or Specific Technical Documentation:

EN 492:2012
Fibre-cement profiled sheets and fittings
Product specification and test methods

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Esben Moos, Group Technical Manager
Aalborg, August 15th, 2018